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1)	CENTRAL INTELLIGENCE AGENCY 15 121 - 66
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7	COUNTY Indication 6.11 70 English No. UNIDENTIFIED 4 MAY 1766 SURRCT Exploitation of Hotalic Format from Unidentified Flying Object 4, KAY 66
	EXPLOITATION OF METALLIC FRICKEN NO. TAGES AND FROM UNIDENTIFIEF LY 3 O'JECT BUTTERNOS
	DATE OF APRIL 1966 HHO APRIL 1976 P1114 P1114
	The state of the s
	SOURCE:
9 0	On file in CIA Library is an exploitation report on a metallic fragment approximately 2"x2"x1", recovered near Kerekene, Republic of the Congo. The fragment was recovered by ground search after a WFO fell to earth in the area. The report concludes that the fragment was eriginally part of an electrical component and was constructed of 0.010-inch thick silicon-steal laninate.
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CALLE ALLEVE TO M AN ELIMINED IN THE CONCERNATION OF THE CONCERNATION OF THE CONCERNATION OF THE SECOND OF THE SEC plainties of a metalic framest race the in the Republic of the layer live in identified flying object exploded and felt to any ighting and recovery took place scentim be een 10 and 15 Ceco then a reported east-to-west direction of flight for the Mrd. to a construction of the second of the second specific chearvation and recovery details are lacking.

SECTION II. (C) Description) and the restriction of characteristics of input are unknown. However, the appearant of the fragment inidentical exposure to high temperatures prior is that (astra) formation of the specimen and line out to effect the first condition. or apparatuse. The fragmant weigned [4,1]; and an indefinite density of apparatus of the fragmant weigned [3,2] x 1.75 x 1.0 inches. The top ed approximately from and measured I.M z 1.75 x 1.0 inches. The top and side views of the species were stunded and appeared to have a side views of the species were stunded and appeared to have a side views of the species was being affile in illustrated in Figure 1, he the cuties of and 2. The for chaptel grows, which is Figure 1, he the cuties of as fasers of share than differ a signify from the rest of species. There I share the side type like the rest of species. There I share the side type like the coal share in the same of the side type like the coal share in the side type like the coal share in the same of the same of the side type like the same of the same share in the same of the same of

SECTION III. (of Conclusion:

3. (C) The fragment was originally yes an onest and could be identified as a mater after the could be identified as a mater and could be identi

steel limitate stacked on a certral mile statt terr or seasons. S. (C) Exterials, processes, dimensions, etc., as such, prevent determination of exact origin (country).

determination of exact origin (country).

6. (C) Surface appearance and microstructure of the specimen fulficates exposure to temperatures in excess of 2800 7 indicates exposure to temperatures in excess of 2800 7.

(a) Exercise IV. (C) Explaination via (U)

7. (C) The recovered of the life in the second of t

earest of 2210 ? While there are no infinites of impart, the aritical metal, as shown in Figures 4 and 7, would substantiate the inflowed metal, as shown in Figures 4 and 7, would substantiate the conclusion that the free was moving at a bit, welleting when it was been 3. (c) Fabrication of the free was an instituted wtiliting more and less standard procedures for fabricating electric motor areatures.

Amounts laminates were samped (punched) from approximately olli-inches these steel, copperplaced, and assembled on a mild erest shaft approximately ACS inches in dismeter. Following assembly, the limits as were joined by solid-size or life size-banding of the copper

cd:

placing. This can be accomplished by tightly compacting the laminate assembly and heating in a furnance. Temperature required for booking of the copper depends upon the degree compact on or pressure; the higher pressures requiring proportion tell lawin imperatures.

9. (C) A cross-section (cross pas to length of the specimen) of a shown in Figure 5. The light-polars, 7 as these are the edges of individual laminates, dauged by cutting a "gallah majle to, instead of parallel to, the laminates." Is that if interesting the pressure are "maleged. This shape is unearly heat in the degree of the "T's" is indicative of the high heating count tens experienced. The outer surface of the areature shaft is servered to prevent axial ?

elippage of the Laxinates.

10. (c) The lamination or stacking of this ideal heirsten is clearly illustrated in Figure 5. The sp. westvers landares on the fin at the top of the photograph is due to be melain; and thortage of the copyorplating during the high imper descriptions are thortage specimen. Some of the copyor to be a real solid in the fin or the production of the photograph. A real real solid in the fin or the production of the stock of the copyor to be a real solid in the fin or the production of the copyor of the copyor of the stock of the copyor of the stock of the copyor of the copyor

else of the simil limited electronics. The electronic real the limited shows a set of illumination of the limited shows in Figure 9 and 16 illumination state that are exceptions to become 2 of ATT 6 - 2 to - 3 to

linge grafe eler indication Light and a second in Figure 11.

13. (C) Analysis of the dair disclose he following:

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